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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

***Course Code:* CIT392**

***Course Title:* Computer Laboratory II**

***Time:* 2 hrs**

***Course Credit Unit*: 2**

***Instruction:*** Attempt any four (4) questions. Each question carries 17½ marks

**Question 1**

1. Outline the steps involved in creating a C source file
2. List the three main parts of C codes.
3. Write briefly on the three (3).

**(**17½ marks)

**Question 2**

1. Define The main () Function
2. Enumerate three non-numeric Data Type in C++
3. Write short notes on the three

(17½ marks)

**Question 3**

1. Contrast between Variables and Constants
2. There are four basic types of constants in C;
3. integer constants,
4. floating-point constants,
5. character constants and
6. string constants

Write briefly on these four constants.

(17½ marks)

**Question 4**

In the Linux file structure files are grouped according to purpose. What does the following command represent?

1. mkdir .
2. mknod
3. mktemp
4. mv
5. pathchk
6. pwd
7. rm
8. install
9. sum

1. cksum

**(**17½ marks)

**Question 5**

1. What is Linux
2. Outline the steps for installing Linux on your computer

**(**17½ marks)

**Question 6**

1. What is mySQL?
2. Outline Codd's 12 Rules, for the relational model**(**17½ marks)